

NS02

Portable Bluetooth Barcode Scanner



Product feature:

1. Zebra Scan Engine

Excellent scan speed for almost 1D barcodes

3. High Degree Of Protection

IP65 grade, waterproof and dustproof function enhance its durability

5. Optional BLE / NFC Communication

IP65 grade, waterproof and dustproof function enhance its durability

7. Battery Cover Turn-Off / On

Flexible buckle turn on / off for battery cover makes it very convenient to remove the battery

2. Ruggedness

Polycarbonate housing with overmold (PC+TPU), 1.5m drop test 200 times

4. Sufficient Battery Life

550mAh replaceable & rechargeable battery for more than 12 hours working time

6. Standard Charging Cradle

Charger & Charger with bluetooth adapter function for the battery & the whole device

8. Scanning Method

Built-in sensor chip, lightly touch to scan with high sensitivity

PRODUCT SPEC SHEET



Product name	Bluetooth Barcode Reader			
Model name	NS02			
Dimensions	57.0×42.0×24.4 mm (L×W×H)			
Weight	45 grams			
Material	Polycarbonate housing with overmold(PC+TPU)			
Battery power	Capacity	550mAh		
	Standby	> 30 days		
	Charge time	2 hours		
	Duration	Continuous trigger scanning interval	Decoding number	Working time
		5S	7100	9.8hours
Scan Engine	☐ SE2707	☒ SE965	☐ N1	
Barcode Type	1D	UPC-A, UPC-E, UPC-E1, EAN-8/JAN-8, EAN-13/JAN-13, Bookland EAN, Code 128, GS1-128 (formerly UCC/EAN-128), ISBT 128, Code 39, Trioptic Code 39, Code 93, Code 11, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Korean 3 of 5, Codabar, MSI		
Environmental parameters	Drop resistance	Pass 200 times 1.5m drop test		
	Temperature	Operating : -10°C to 60°C		
		Storage: -20°C to 60°C		
	Humidity	< 95% (non-condensing)		
Range	Mid-range 1.0in to 204in/2.54cm to 518.16cm			

Electrical	Power: DC5V/2A; Operating Current Typical: 300mA	
MCU	ARM Cortex 32bit	
Data storage	100KB for offline mode: 6000 15 bytes barcodes(optional)	
Working mode	Bluetooth mode, offline mode(optional), RS232 mode(optional), USB Keyboard(optional)	
Communication	Bluetooth HID, SPP, BLE with 30M distance, Support NFC pairing, RS232 cable(optional)	
OS	IOS, Android, Windows, Mac, linux	
Scan mode	Scan (Level), Scan (Pulse), Continuous, Blink, Enhanced Aim	
Ambient illumination	0~86,111 Lux	
Scanner performance	Sensor Type	Laser Diode
	Light	650nm
	Scanner Angle	±40°,±65°,±35° (skew, pitch, Roll)
	Repetition Rate	104 (± 12) scans/sec (bidirectional)
	Contrast	≥25%
Decoding depth & Max. Resolution (1 mil = 0.0254 mm)	Code 39	30mm - 266mm (5mil);
	Code 128	35mm - 177mm (5mil);
	Code 39	30mm - 419mm (7.5mil);
	Code 128	30mm -404mm (10mil);
	100%UPC	45mm -635mm (13mil);
	Code 128	50mm -660mm (15mil);
	Code 39	35mm -1168mm (20mil);
	Code 39	86mm - 1778mm (55mil); 609mm - 4572mm (100mil);
Certificate	CE, FCC, IP65, IEC, MSDS, UN38.3	



Shenzhen Effen Ltd

Tel: 86 0755 23229300

Fax : 86 0755 23229300

Email :info@effon.com

Website : www.effon.com